

Message

From: Duvil, Ricardi [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7B07DBC66AFD4B20A424696E8E0DEBF7-DUVIL, RICA]
Sent: 6/12/2019 5:51:32 PM
To: Baron, Adam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=563ef058707d4930868c6cf1e0828a43-Baron, Adam]
Subject: RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Are you back yet ? I want to discuss with you the trip to Warm Springs next week.

Cheers,

Ricardi Duvil, Ph.D., P.E.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 155, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Baron, Adam
Sent: Thursday, May 30, 2019 11:41 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Calling you now



Adam Baron
Drinking Water Enforcement Officer
Field, Data, & Drinking Water Enforcement Section
Enforcement and Compliance Assurance Division
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 155
Seattle, Washington 98101
Office (206) 553-6361
baron.adam@epa.gov

From: Duvil, Ricardi
Sent: Thursday, May 30, 2019 11:41 AM
To: Baron, Adam <Baron.Adam@epa.gov>
Cc: Thurmon, Clarke <Thurmon.Clarke@epa.gov>
Subject: RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Thanks. Are you available for a phone call?

Cheers,

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U.S. Environmental Protection Agency
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Fax: (206)-553-1280

From: Baron, Adam

Sent: Thursday, May 30, 2019 11:24 AM

To: Duvil, Ricardi <duvil.ricardi@epa.gov>

Cc: Thurmon, Clarke <Thurmon.Clarke@epa.gov>

Subject: RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Thanks Ricardi – I was just on the phone with Travis and heard about the issue and directed him to that part of the 1431 dealing with main breaks – consistent with your email requirements.



Adam Baron

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Field, Data, & Drinking Water Enforcement Section
Enforcement and Compliance Assurance Division
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 155
Seattle, Washington 98101
Office (206) 553-6361
baron.adam@epa.gov

From: Duvil, Ricardi

Sent: Thursday, May 30, 2019 11:19 AM

To: Contreras, Peter <Contreras.Peter@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Baron, Adam <Baron.Adam@epa.gov>; Thurmon, Clarke <Thurmon.Clarke@epa.gov>; Skadowski, Suzanne

<Skadowski.Suzanne@epa.gov>; Wilson, Wenona <Wilson.Wenona@epa.gov>; Kowalski, Edward <Kowalski.Edward@epa.gov>; Dunbar, Bill <dunbar.bill@epa.gov>; MacIntyre, Mark <Macintyre.Mark@epa.gov>

Cc: Roberto, Joseph <Roberto.Joseph@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Chung, Angela <Chung.Angela@epa.gov>; Opalski, Dan <Opalski.Dan@epa.gov>

Subject: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Hi All:

It's me again with Warm Springs-

This morning, Alyssa Macy, COO of the Confederated Tribe of Warm Springs, notified EPA DW that a major loss of pressure has occurred in the system. At this time, the source of the problem has not been identified, but staff believes it could be a major water main break somewhere. Given how quickly the water pressure decreased in the system and the uncertainty around the root cause of this low pressure, Alyssa has agreed to take all the necessary actions to prevent cross-contamination in the distribution system in order to protect public health.

The following are the steps EPA R10-DW has taken after WSWTP informed EPA about the water main break this morning:

- 1) EPA R10 -DW informed WSWTP to issue a boil water notice immediately – Tier 1 Public Notice (Warm Springs agreed)- The boil water notice was issued a few minutes ago.
- 2) EPA R10 -DW requested WSWTP to perform a root cause analysis as soon as possible and Warm Springs will provide to EPA DW a corrective action plan to address this issue.
- 3) EPA R10 -DW informed WSWTP to flush the entire distribution system to remove sediment and other deposits that may slowly build up on the inside the water mains causing discolored water.
- 4) EPA R10-DW requested (BacT) samples and chlorine residual must be taken at the entry point and throughout the distribution system to confirm the water is no longer a threat to public health. Sample locations will be specified by EPA DW
- 5) EPA R10 -DW informed WSWTP that the boil water notice will stay in effect until EPA R10 DW receives the following: a) Repair Completion Report, b) BacT and chlorine residual results.

Due to the age of Warm Springs's distribution system, water mains breaks/low pressure are unavoidable. We will continue to monitor the situation, wait for lab results to arrive , and reconvene when we have enough information to lift the boil water.

Cheers,

Ricardi Duvil, Ph.D., P.E.
Environmental Engineer
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